

Wisconsin Projections, 2005-2007

Top Occupations by Education/Training Level, with above average wages

SOC Code	Occupational Title	Employment ⁽¹⁾		Annual Openings ⁽²⁾	Avg Ann Salary ⁽³⁾	Entry Level Wage ⁽⁴⁾	Experienced Wage ⁽⁵⁾
		2005	2007				
Beyond a Bachelor's Degree (professional, doctoral, or master's degree, or a minimum of a bachelor's degree plus work exp)							
11-1021	General & Operations Managers	28,690	29,360	820	\$95,592	\$23.22	\$57.33
21-2011	Clergy	11,840	11,980	310	\$41,919	\$15.27	\$22.60
21-1021	Child, Family, & School Social Workers	6,380	6,620	220	\$41,885	\$13.80	\$23.30
21-1012	Educational, Vocational, & School Counselors	5,060	5,250	210	\$45,040	\$13.92	\$25.52
19-3021	Market Research Analysts	4,720	4,840	180	\$62,462	\$17.90	\$36.09
19-3031	Clinical, Counseling, & School Psychologists	4,390	4,540	170	\$63,443	\$19.19	\$36.16
29-1051	Pharmacists	4,620	4,770	170	\$91,417	\$33.23	\$49.31
11-9111	Medical & Health Services Managers	4,690	4,850	160	\$78,368	\$24.86	\$44.08
11-3021	Computer & Information Systems Managers	4,750	4,910	160	\$91,560	\$30.64	\$50.71
11-2022	Sales Managers	5,020	5,170	160	\$96,607	\$24.42	\$57.46

Bachelor's Degree

29-1111	Registered Nurses ⁽⁶⁾	48,900	51,320	2,120	\$55,060	\$21.53	\$28.94
25-2021	Elementary School Teachers, Except Special Education	31,690	32,560	1,060	\$45,031	*	*
25-2031	Secondary School Teachers, Except Special & Vocational Education	26,680	27,300	1,020	\$45,459	*	*
13-2011	Accountants & Auditors	22,960	23,560	700	\$57,547	\$18.78	\$32.11
25-2022	Middle School Teachers, Except Special & Vocational Education	16,620	16,930	480	\$44,375	*	*
15-1031	Computer Software Engineers, Applications	8,160	8,760	370	\$70,386	\$23.44	\$39.04
15-1051	Computer Systems Analysts	11,310	11,730	320	\$62,910	\$21.93	\$34.40
17-2141	Mechanical Engineers	7,200	7,370	290	\$62,754	\$21.98	\$34.27
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm Products	7,940	8,070	250	\$48,350	\$16.14	\$26.80
15-1081	Network Systems & Data Communications Analysts	4,190	4,550	220	\$56,789	\$18.30	\$31.80

Associate Degree

15-1041	Computer Support Specialists	8,780	9,050	230	\$38,897	\$13.43	\$21.34
29-2034	Radiologic Technologists & Technicians	4,190	4,390	170	\$46,916	\$17.91	\$24.88
29-2021	Dental Hygienists	4,460	4,730	170	\$54,203	\$23.01	\$27.58
17-3023	Electrical & Electronic Engineering Technicians	3,250	3,300	90	\$45,020	\$16.10	\$24.41
29-1126	Respiratory Therapists	1,480	1,550	90	\$47,309	\$18.81	\$24.71
17-3026	Industrial Engineering Technicians	1,690	1,750	60	\$40,798	\$15.12	\$21.86
23-2011	Paralegals & Legal Assistants	2,680	2,750	60	\$41,414	\$13.81	\$22.96
31-2021	Physical Therapist Assistants	1,240	1,300	50	\$38,342	\$14.75	\$20.28
19-4031	Chemical Technicians	1,140	1,150	40	\$38,530	\$12.44	\$21.56
17-3022	Civil Engineering Technicians	1,900	1,900	40	\$42,505	\$15.39	\$22.96

Postsecondary Vocational Training

29-2061	Licensed Practical & Licensed Vocational Nurses	11,070	11,260	320	\$36,842	\$14.81	\$19.16
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	5,760	5,940	230	\$36,184	\$12.86	\$19.66
17-3013	Mechanical Drafters	3,780	3,840	130	\$42,888	\$14.93	\$23.47
29-2055	Surgical Technologists	2,150	2,260	90	\$40,055	\$15.38	\$21.20
13-2021	Appraisers & Assessors of Real Estate	1,920	1,990	80	\$44,965	\$9.84	\$27.51
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	2,040	2,090	70	\$40,309	\$15.74	\$21.20
41-9022	Real Estate Sales Agents	2,540	2,570	70	\$51,163	\$13.57	\$30.11
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	3,060	2,970	60	\$48,174	\$18.03	\$25.73
17-3011	Architectural & Civil Drafters	1,350	1,340	40	\$41,017	\$14.17	\$22.49
49-3011	Aircraft Mechanics & Service Technicians	1,120	1,140	40	\$49,219	\$17.05	\$26.97

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		2005	2007				

Job Experience in a Related Occupation (requires skills and experience gained from other jobs)

43-1011	First-Line Supervisors/Managers of Office & Administrative Support Workers	25,870	26,020	580	\$44,263	\$13.99	\$24.92
51-1011	First-Line Supervisors/Managers of Production & Operating Workers	23,040	23,320	580	\$49,886	\$16.08	\$27.93
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	29,300	29,140	480	\$37,999	\$11.04	\$21.88
47-1011	First-Line Supervisors/Managers of Construction Trades & Extraction Workers	11,370	11,770	370	\$60,702	\$19.48	\$34.03
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, & Repairers	8,920	9,070	280	\$54,939	\$17.78	\$30.73
11-9051	Food Service Managers	6,310	6,460	180	\$40,405	\$13.19	\$22.54
53-1031	First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators	4,860	5,000	180	\$52,468	\$15.20	\$30.24
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	8,570	8,620	180	\$74,395	\$19.84	\$43.73
25-1194	Vocational Education Teachers, Postsecondary	3,320	3,480	150	\$56,686	\$16.43	\$32.66
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, & Material Movers, Hand	4,200	4,270	130	\$43,287	\$13.70	\$24.37

Long-Term on-the-job training (one year or more of training at the workplace)

47-2031	Carpenters	34,160	35,490	1,170	\$38,602	\$12.93	\$21.37
47-2111	Electricians	13,710	14,170	480	\$47,298	\$16.27	\$25.97
51-4041	Machinists	13,860	14,170	470	\$36,206	\$12.79	\$19.72
47-2152	Plumbers, Pipefitters, & Steamfitters	9,920	10,340	430	\$52,075	\$17.49	\$28.81
33-3051	Police & Sheriff's Patrol Officers	10,740	10,870	330	\$44,433	\$16.09	\$24.00
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & Installers	6,070	6,410	240	\$39,795	\$13.04	\$22.18
47-2211	Sheet Metal Workers	4,810	4,990	200	\$44,323	\$13.55	\$25.19
49-9041	Industrial Machinery Mechanics	6,980	7,040	160	\$42,137	\$15.37	\$22.70
47-2021	Brickmasons & Blockmasons	3,940	4,100	130	\$48,083	\$16.55	\$26.40
49-9052	Telecommunications Line Installers & Repairers	2,610	2,680	110	\$37,089	\$12.21	\$20.64

Moderate-Term on-the-job training (one to twelve months of training at the workplace)

53-3032	Truck Drivers, Heavy & Tractor-Trailer	55,060	56,330	1,460	\$36,797	\$12.60	\$20.24
41-4012	Sales Reps, Wholesale & Manufacturing, Except Technical & Scientific Products	34,380	35,410	1,410	\$57,978	\$15.20	\$34.21
41-4011	Sales Reps, Wholesale & Manufacturing, Technical & Scientific Products	7,700	7,970	340	\$67,950	\$19.44	\$39.28
47-2073	Operating Engineers & Other Construction Equipment Operators	7,600	7,840	310	\$43,669	\$15.38	\$23.80
47-2051	Cement Masons & Concrete Finishers	4,470	4,700	200	\$37,515	\$12.61	\$20.75
51-5023	Printing Machine Operators	8,010	8,020	190	\$35,902	\$11.99	\$19.90
47-2081	Drywall & Ceiling Tile Installers	1,890	1,960	80	\$41,030	\$12.53	\$23.32
41-3011	Advertising Sales Agents	3,120	3,160	80	\$41,833	\$10.89	\$24.73
47-2041	Carpet Installers	2,040	2,070	50	\$37,408	\$11.10	\$21.43
47-2071	Paving, Surfacing, & Tamping Equipment Operators	1,140	1,190	50	\$42,911	\$16.63	\$22.63

Short-Term on-the-job training (one month or less of training at the workplace)

43-5061	Production, Planning, & Expediting Clerks	7,320	7,410	220	\$38,840	\$13.45	\$21.28
43-5052	Postal Service Mail Carriers	7,030	6,990	210	\$43,255	\$15.63	\$23.38
43-5053	Postal Service Mail Sorters, Processors, & Processing Machine Operators	3,880	3,860	90	\$41,705	\$14.76	\$22.70
51-2031	Engine & Other Machine Assemblers	*	*	60	\$38,051	\$12.52	\$21.18
43-5051	Postal Service Clerks	1,240	1,230	30	\$46,585	\$18.64	\$24.27

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Notes:

- (1) **Employment** is a count of jobs rather than people, and includes all part- and full-time nonfarm jobs. Employment also includes jobs among self-employed and unpaid family workers.
- (2) **Total openings** are the sum of new jobs and replacements. Total openings are an indication of how many new people are needed to enter a given occupation.
- (3) **Average Annual Salary:** An occupation's average hourly wage is calculated by summing the wages of all employees in a given occupation and then dividing by the total number of employees in that occupation. In most cases, the annual average salary is equal to the average hourly wage multiplied by 2,080.
- (4) **Entry Level Wage** is the average of the lower third of wages.
- (5) **Experienced Wage** is the average of the upper two-thirds of wages.
- (6) Either a bachelor's or an associate degree are accepted in this occupations. It depends on the specifics of the position and the employer.

Information is derived using the 2005 OES Survey, 2005 QCEW and 2005 CES (3/05 Benchmark) data. Unpublished data from the US Bureau of Labor Statistics and US Census Bureau was also used.

To the extent possible, the projections take into account anticipated changes in Wisconsin's economy during 2006 and 2007. It is important to note that unanticipated events may affect the accuracy of these projections.

Source: Office of Economic Advisors, Wisconsin Department of Workforce Development
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